

1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-)  
PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

ATTY. DOCKET NO.  
PHLY-24,736

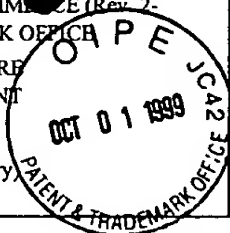
SERIAL NO.  
09/382,374

APPLICANT  
Jeffrey Jovan Philyaw and David Kent Mathews

(Use several sheets if necessary)

FILING DATE  
August 24, 1999

GROUP  
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# U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WLT	1	3,668,312	06/06/72	Yamamoto, et al.	178	6.8	04/02/70
WLT	2	4,042,792	08/16/77	Pakenham, et al.	179	90	01/26/76
WLT	3	4,621,259	11/04/86	Schepers, et al.	340	707	03/18/83
WLT	4	4,654,482	03/31/87	DeAngelis	379	95	11/07/84
WLT	5	4,816,904	03/28/89	McKenna, et al.	358	84	04/10/87
WLT	6	4,817,136	03/28/89	Rhoads	379	357	08/17/87
WLT	7	4,841,132	06/20/89	Kajitani, et al.	235	472	07/16/87
WLT	8	4,894,789	01/16/90	Yee	364	521	02/22/88
WLT	9	4,899,370	02/06/90	Kameo, et al.	379	104	06/13/88
WLT	10	4,905,094	02/27/90	Pocock, et al.	358	342	06/30/88
WLT	11	4,907,264	03/06/90	Seiler, et al.	379	355	09/14/88
WLT	12	4,937,853	06/26/90	Brule, et al.	379	96	05/03/89
WLT	13	4,947,028	08/07/90	Gorog	235	381	07/19/88
WLT	14	4,975,948	12/04/90	Andresen, et al.	379	355	10/13/89
WLT	15	4,984,155	01/08/91	Geier, et al.	364	401	08/29/88
WLT	16	5,128,752	07/07/92	Von Kohorn	358	84	10/25/90
WLT	17	5,144,654	09/01/92	Kelley, et al.	379	356	03/22/91
WLT	18	5,247,347	09/21/93	Litteral, et al.	358	85	09/27/91
WLT	19	5,262,860	11/16/93	Fitzpatrick, et al.	358	142	04/23/92
WLT	20	5,285,278	02/08/94	Holman	358	142	05/21/92
WLT	21	5,287,181	02/15/94	Holman	348	473	08/20/92
WLT	22	5,305,195	04/19/94	Murphy	364	401	03/25/92
WLT	23	5,319,454	06/07/94	Schutte	348	5.5	11/13/90
WLT	24	5,357,276	10/18/94	Banker, et al.	348	7	12/01/92
WLT	25	5,438,355	08/01/95	Palmer	348	1	04/16/93
WLT	26	5,446,490	08/29/95	Blahut, et al.	348	7	10/23/92
WLT	27	5,446,919	08/29/95	Wilkins	455	6.2	10/09/91
WLT	28	5,570,295	10/29/96	Isenberg, et al.	364	514	03/18/94

WLT	29	5,604,542	02/18/97	Dedrick	348	552	02/08/95
WLT	30	5,640,193	06/17/97	Wellner	348	7	08/15/94
WLT	31	5,664,110	09/02/97	Green, et al.	705	26	12/08/94
WLT	32	5,708,780	01/13/98	Levergood, et al.	395	200.12	06/07/95
WLT	33	5,715,314	02/03/98	Payne, et al.	380	24	10/24/94
WLT	34	5,724,424	03/03/98	Gifford	380	24	11/29/95
WLT	35	5,761,606	06/02/98	Wolzien	455	6.2	02/08/96
WLT	36	5,768,528	06/16/98	Stumm	395	200.61	05/24/96
WLT	37	5,774,870	06/30/98	Storey	705	14	12/14/95
WLT	38	5,790,793	08/04/98	Higley	395	200.48	04/04/95
WLT	39	5,794,210	08/11/98	Goldhaber, et al.	705	14	12/11/95
WLT	40	5,905,251	05/18/99	Knowles	235	472.01	07/11/97
WLT	41	5,907,793	05/25/99	Reams	455	3.1	08/03/95
WLT	42	5,933,829	08/03/99	Durst, et al.	707	10	11/08/97

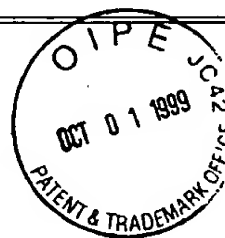
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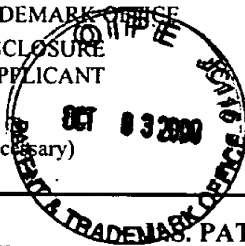
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609;  
Draw line through citation if not in conformance and not considered. Include copy of this form with  
next communication to applicant.



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. PHL-24,736	SERIAL NO. 09/382,374
	APPLICANT Jeffry Jovan Philyaw and David Kent Mathews	
	FILING DATE August 24, 1999	GROUP 2773



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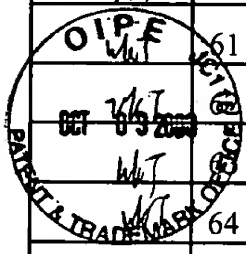
## PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WHT	1	4,002,886	01/11/77	Sundelin	235	61.7R	
WHT	2	4,365,148	12/21/82	Whitney	235	383	
WHT	3	4,780,599	10/25/88	Baus	235	383	
WHT	4	4,785,296	11/15/88	Tabata et al.	340	731	
WHT	5	4,833,308	05/23/89	Humble	235	383	
WHT	6	4,845,634	07/04/89	Vitek et al.	364	468	
WHT	7	4,901,073	02/13/90	Kibrick	341	13	
WHT	8	4,916,293	04/10/90	Carlidge et al.	235	375	
WHT	9	4,959,530	09/25/90	O'Connor	235	383	
WHT	10	5,038,023	08/06/91	Saliga	235	385	
WHT	11	5,054,096	10/01/91	Beizer	382	41	
WHT	12	5,088,045	02/11/92	Shimanaka et al.	364	468	
WHT	13	5,111,391	05/05/92	Fields et al.	364	401	
WHT	14	5,115,326	05/19/92	Burgess et al.	358	440	
WHT	15	5,161,037	11/03/92	Saito	358	468	
WHT	16	5,161,214	11/03/92	Addink et al.	395	145	
WHT	17	5,182,705	01/26/93	Barr et al.	364	401	
WHT	18	5,189,630	02/23/93	Barstow et al.	364	514	
WHT	19	5,191,525	03/02/93	LeBrun et al.	364	419	
WHT	20	5,198,644	03/30/93	Pfeiffer et al.	235	383	
WHT	21	5,235,654	08/10/93	Anderson et al.	382	61	
WHT	22	5,241,402	08/31/93	Aboujaoude et al.	358	406	
WHT	23	5,243,531	09/07/93	DiPippo et al.	364	468	
WHT	24	5,288,976	02/22/94	Citron et al.	235	375	

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WKT	25	5,296,688	03/22/94	Hamilton et al.	235	375	
WKT	26	5,304,786	04/19/94	Pavlidis et al.	235	462	
WKT	27	5,324,922	06/28/94	Roberts	235	375	
WKT	28	5,331,547	07/19/94	Laszlo	364	413.0	
WKT	29	5,340,966	08/23/94	Morimoto	235	376	
WKT	30	5,362,948	11/08/94	Morimoto	235	376	
WKT	31	5,382,779	01/17/95	Gupta	235	383	
WKT	32	5,386,298	01/31/95	Bronnenberg et al.	358	403	
WKT	33	5,398,336	03/14/95	Tantry et al.	395	600	
WKT	34	5,405,232	04/11/95	Lloyd et al.	414	280	
WKT	35	5,418,713	05/23/95	Allen	364	403	
WKT	36	5,420,403	05/30/95	Allum et al.	235	375	
WKT	37	5,420,943	05/30/95	Mak	382	313	
WKT	38	5,424,524	06/13/95	Ruppert et al.	235	462	
WKT	39	5,491,508	02/13/96	Friedell et al.	348	16	
WKT	40	5,493,107	02/20/96	Gupta et al.	235	383	
WKT	41	5,519,878	05/21/96	Dolin, Jr.	395	800	
WKT	42	5,530,852	06/25/96	Meske, Jr. et al.	396	600	
WKT	43	5,572,643	11/05/96	Judson	395	793	
WKT	44	5,592,551	01/07/97	Lett et al.	380	20	
WKT	45	5,594,226	01/14/97	Steger	235	379	
WKT	46	5,602,377	02/11/97	Beller et al.	235	462	
WKT	47	5,649,186	07/15/97	Ferguson	395	610	
WKT	48	5,671,282	09/23/97	Wolff et al.	380	25	
WKT	49	5,675,721	10/07/97	Freedman et al.	395	129	
WKT	50	5,682,540	10/28/97	Klotz, Jr. et al.	395	766	
WKT	51	5,694,163	12/02/97	Harrison	348	13	
WKT	52	5,710,887	01/20/98	Chelliah et al.	395	226	
WKT	53	5,745,681	04/28/98	Levine et al.	395	200.3	
WKT	54	5,754,906	05/19/98	Yoshida	396	448	
WKT	55	5,757,917	05/26/98	Rose et al.	380	25	

W&T	56	5,764,906	06/09/98	Edelstein et al.	395	200.49	
W&T	57	5,765,176	06/09/98	Bloomberg	707	514	
W&T	58	5,774,664	06/30/98	Hidary et al.	395	200	
W&T	59	5,778,367	07/07/98	Wesinger, Jr. et al.	707	10	
W&T	60	5,791,991	08/11/98	Small	463	41	
W&T	61	5,796,952	08/18/98	Davis et al.	305	200.5	
W&T	62	5,804,803	09/08/98	Cragun et al.	235	375	
W&T	63	5,815,776	09/29/98	Nukada	399	174	
W&T	64	5,832,223	11/03/98	Hara et al.	395	200.47	
W&T	65	5,833,468	11/10/98	Guy et al.	434	350	
W&T	66	5,848,202	12/08/98	D'Eri et al.	382	306	
W&T	67	5,848,413	12/08/98	Wolff	707	10	
W&T	68	5,854,897	12/29/98	Radziewicz et al.	709	224	
W&T	69	5,864,823	01/26/99	Levitan	105	14	
W&T	70	5,869,819	02/09/99	Knowles et al.	235	375	
W&T	71	5,905,248	05/18/99	Russell et al.	235	462	
W&T	72	5,905,665	05/18/99	Rim	364	746	
W&T	73	5,905,865	05/18/99	Palmer et al.	395	200.47	
W&T	74	5,913,210	06/15/99	Call	707	4	
W&T	75	5,915,090	06/22/99	Joseph et al.	709	202	
W&T	76	5,918,214	06/29/00	Perkowski	705	27	
W&T	77	5,925,865	07/20/99	Steger	235	379	
W&T	78	5,929,850	07/27/99	Broadwin et al.	345	327	
W&T	79	5,932,863	08/03/99	Rathus et al.	235	462.15	
W&T	80	5,948,061	09/07/99	Merriman et al.	709	219	
W&T	81	5,957,695	09/28/99	Redford et al.	434	307R	
W&T	82	5,960,411	09/28/99	Hartman et al.	705	26	
W&T	83	5,961,603	10/05/99	Kunkel et al.	709	229	
W&T	84	5,970,471	10/19/99	Hill	705	26	
W&T	85	5,970,472	10/19/99	Allsop et al.	705	26	
W&T	86	5,971,277	10/26/99	Cragun et al.	235	462.01	



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WIT	87	5,974,443	10/26/99	Jeske	709	202	
WIT	88	5,974,451	10/26/99	Simmons	709	218	
WIT	89	5,976,833	11/02/99	Furukawa et al.	435	69.1	
WIT	90	5,978,773	11/02/99	Hudetz et al.	709	219	
WIT	91	5,991,739	11/23/99	Cupps et al.	705	26	
WIT	92	5,992,752	11/30/99	Wilz, Sr. et al.	235	472.0	
WIT	93	5,995,105	11/30/99	Reber et al.	345	356	
WIT	94	6,002,394	12/14/99	Schein et al.	345	327	
WIT	95	6,003,073	12/14/99	Solvason	709	219	
WIT	96	6,006,257	12/21/99	Slezak	709	219	
WIT	97	6,009,410	12/28/99	LeMole et al.	709	219	
WIT	98	6,009,465	12/28/99	Decker et al.	709	219	
WIT	99	6,012,102	01/04/00	Shachar	710	5	
WIT	100	6,018,764	01/25/00	Field et al.	709	217	
WIT	101	6,049,539	04/11/00	Lee et al.	370	355	
WIT	102	6,064,929	05/16/00	Perkowski	705	26	
WIT	103	6,108,656	08/22/00	Durst et al.	707	10	

# FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
WIT	F1	WO 95/10813	10/14/94	PCT	G06F	15/403	NO
WIT	F2	WO 96/07146	9/1/95	PCT	G06F	17/00	NO
WIT	F3	WO 97/37319	2/20/97	PCT	G06K	7/10	NO
WIT	F4	WO 98/03923	1/29/98	PCT	G06F	15/163	NO
WIT	F5	WO 98/06055	2/12/98	PCT	G06F	163/00	NO
WIT	F6	WO 98/09243	8/22/97	PCT	G06F	19/00	NO
WIT	F7	WO 98/19259	5/7/98	PCT	G06F	17/60	NO
WIT	F8	WO 98/40823	9/17/98	PCT	G06F	13/00	NO
WIT	F9	WO 99/63457	6/3/99	PCT	G06F	17/30	NO
WIT	F10	EP 0 961 250 A2	12/1/99	EP	G07F	19/00	NO
WIT	F11	JP 10188140A	12/24/96	JP	G07G	1/12	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

WNT	D1	"Group Decision Support System: Development and Application", Energy Systems, Westinghouse, Pittsburgh, PA
WNT	D2	"New Technologies in Credit Card Authentication", Pieter de Bryne, Institute for Communications Technology, Zurich, Switzerland
WNT	D3	"AVITAL, a Private Teaching System by Fax Communication", Atsushi Iizawa, Norio Sugiki, Yuhari Shitora and Hideko Kunii, Software Research Center, Tokyo, Japan
WNT	D4	"Document on Computer" USPS Technical Support Center, Norman, OK
WNT	D5	"Development of a Commercially Successful Wearable Data Collection System", Symbol Technologies, Inc.
WNT	D6	"What do forward looking companies consider in their plans and developments?", A.G. Johnston, Nestle
WNT	D7	"The Automation Synergy", Neves and Noivo, Portugal
WNT	D8	"Integration of Hand-Written Address Interpretation Technology into the United States Postal Service Remote Computer Reader System", Srihari (CEDAR, SUNY at Buffalo) and Kueberg (U.S. Postal Service, VA)
WNT	D9	"Paper Based Document Security - A Review", van Renesse, TNO Institute of Applied Physics, The Netherlands
WNT	D10	"IEEE Standard for Bar Coding for Distribution Transformers" Transformers Committee of the IEEE Power Engineering Society, The Institute of Electrical and Electronics Engineers, Inc. NY
WNT	D11	"The Stylus™-Shopping from Home", STYLUS Innovation, MA
WNT	D12	"Distributing Uniform Resource Locators as Bar Code Images", IBM Technical Disclosure Bulletin, Jan 1996
WNT	D13	"Bar Code Method for Automating Catalog Orders", IBM Technical Disclosure Bulletin, September 1998
WNT	D14	"Bar-Code Recognition System Using Image Processing", Kuroki, Yoneoka et al., Hitachi Research Laborator
EXAMINER <i>Munir Testfene</i>		DATE CONSIDERED <i>10/08/01</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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